



12-12-03

3723

Express Mail No. EV342447778US

Attorney Docket No. 108298515US2  
Disclosure No. 00-0999

PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-00321

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	09/887,767	
	Filing Date	June 21, 2001	
	First Named Inventor	Whonchee Lee	
	Art Unit	3723	
	Examiner Name	Alvin J. Grant	
Total Number of Pages in This Submission	5*	Attorney Docket Number	108298515US2

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosures: Cited References (5) Check Return Receipt Postcard
Remarks		<b>RECEIVED</b>  DEC 17 2003  TECHNOLOGY CENTER R&D 700

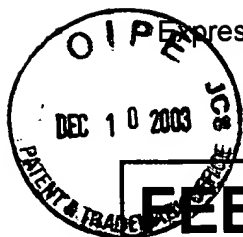
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	John M. Wechkin Registration No. 42,216
Signature	
Date	Dec 10 2003

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name			
Signature		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

\* - Number of Pages does not include Cited References



Express Mail No. EV342447778US

Attorney Docket No. 10829851US2

Disclosure No. 00-0999

PTO/SB/17 (05-03)

Approved for use through 04/30/2004. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$180)

**Complete if Known**

Application Number	09/887,767
Filing Date	June 21, 2001
First Named Inventor	Whonchee Lee
Examiner Name	Alvin J. Grant
Art Unit	3723
Attorney Docket No.	10829851US2

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number 50-0665

Deposit Account Name Perkins Coie LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any underpayments during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
		1001	770	2001	385	Utility filing fee	
		1002	340	2002	170	Design filing fee	
		1003	530	2003	265	Plant filing fee	
		1004	770	2004	385	Reissue filing fee	
		1205	160	2005	80	Provisional filing fee	
SUBTOTAL (1)						(\$)	0

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	=
Multiple Dependent	-3** =	X	=

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	
		1202	18	2202	9	Claims in excess of 20	
		1201	86	2201	43	Independent claims in excess of 3	
		1203	290	2203	145	Multiple dependent claim, if not paid	
		1204	86	2204	43	** Reissue independent claims over original patent	
		1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)						(\$)	0

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	2051	130	65			Surcharge - late filing fee or oath	
1052	2052	50	25			Surcharge - late provisional filing fee or cover sheet	
1053	1053	130	130			Non-English Specification	
1812	1812	2,520	2,520			For filing a request for ex parte reexamination	
1804	1804	920*	920*			Requesting publication of SIR prior to Examiner action	
1805	1805	1,840*	1,840*			Requesting publication of SIR after Examiner action	
1251	2251	110	55			Extension for reply within first month	
1252	2252	420	210			Extension for reply within second month	
1253	2253	950	475			Extension for reply within third month	
1254	2254	1,480	740			Extension for reply within fourth month	
1255	2255	2,010	1,005			Extension for reply within fifth month	
1401	2401	330	165			Notice of Appeal	
1402	2402	330	165			Filing a brief in support of an appeal	
1403	2403	290	145			Request for oral hearing	
1451	1451	1,510	1,510			Petition to institute a public use proceeding	
1452	2452	110	55			Petition to revive - unavoidable	
1453	2453	1,330	665			Petition to revive - unintentional	
1501	2501	1,330	665			Utility issue fee (or issue fee)	
1502	2502	480	240			Design issue fee	
1503	2503	640	320			Plant issue fee	
1460	1460	130	130			Petitions to the Commissioner	
1807	1807	50	50			Processing fee under 37 CFR 1.17(q)	
1806	1806	180	180			Submission of Information Disclosure Stmt	180
8021	8021	40	40			Recording each patent assignment per property (times number of properties)	
1809	2809	770	385			Filing a submission after final rejection (37 CFR 1.129(a))	
1810	2810	770	385			For each additional invention to be examined (37 CFR 1.129(b))	
1801	2801	770	385			Request for Continued Examination (RCE)	
1802	1802	900	900			Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type) John M. Wechkin

Registration No. (Attorney/Agent) 42,216

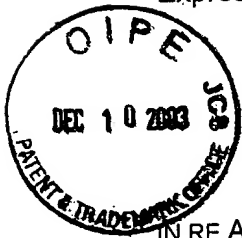
Telephone (206) 359-3257

Signature

Date Dec. 10, 2003

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: WHONCHEE LEE ET AL.

APPLICATION NO.: 09/887,767

FILED: JUNE 21, 2001

FOR: MICROELECTRONIC SUBSTRATE HAVING  
CONDUCTIVE MATERIAL WITH BLUNT  
CORNERED APERTURES, AND  
ASSOCIATED METHODS FOR REMOVING  
CONDUCTIVE MATERIAL

EXAMINER: ALVIN J. GRANT

ART UNIT: 3723

CONF. NO: 9072

PATENT # 19  
Juph  
IOS

**Supplemental Information Disclosure Statement After First Office Action  
but Before Final Action or Notice of Allowance after the Filing of a Request  
for Continued Examination Under 37 C.F.R. § 1.114 – 37 C.F.R. § 1.97(c)(2)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RECEIVED

DEC 17 2003

Sir:

TECHNOLOGY CENTER R3700

1. Timing of Submission

This information disclosure is being filed after the mailing date of the first Office action after the filing of a Request for Continued Examination under 37 C.F.R. § 1.114, but before the mailing date of either a final action under 37 C.F.R. § 1.113 or a Notice of Allowance under 37 C.F.R. § 1.311 [37 C.F.R. § 1.97(c)(2)]. The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

2. Cited Information

☒ Copies of the following references are enclosed:

- ☒ All cited references  
☐ References marked by asterisks

3. Effect of Information Disclosure Statement (37 C.F.R. § 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

4. Fee Payment (37 C.F.R. § 1.97(c)) or Certification (37 C.F.R. § 1.97(e))

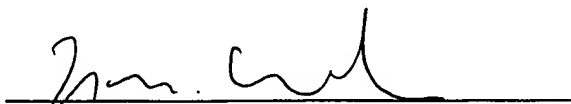
- ☒ Applicant elects to pay the fee under 37 C.F.R. § 1.17(p) \$180.00.
- ☒ Check enclosed for \$180.
- ☐ Please charge the above fee(s) to Deposit Account No. 50-0665 this paper is provided in triplicate.
- ☐ Applicant submits that no fee is due in light of the following certification under 37 C.F.R. § 1.97(e) (check only one):
- ☐ In accordance with 37 C.F.R. § 1.97(e)(1), the undersigned hereby states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to this filing of this statement; or
- ☐ In accordance with 37 C.F.R. § 1.97(e)(2), the undersigned hereby states that no item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c), more than three months prior to the filing of this statement.
- ☒ Please charge any underpayment for timely filing of this paper to Deposit Account No. 50-0665.

5. Patent Term Adjustment (37 C.F.R. § 1.704(d))

- ☐ The undersigned states that each item of information submitted herewith was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in 37 C.F.R. § 1.56(c) more than thirty days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

Respectfully submitted,  
Perkins Coie LLP

Date: Dec. 10, 2003

  
John M. Wechkin  
Registration No. 42,216

**Correspondence Address:**

Customer No. 25096  
Perkins Coie LLP  
P.O. Box 1247  
Seattle, Washington 98111-1247  
(206) 359-8000